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**From:** Hanley, Jim [Hanley.James@epa.gov]  
**Sent:** 5/31/2017 6:17:46 PM  
**To:** Hoogerheide, Roger [Hoogerheide.Roger@epa.gov]  
**CC:** Vranka, Joe [vranka.joe@epa.gov]; Mahmud, Shahid [Mahmud.Shahid@epa.gov]; Murray, Bill [Murray.Bill@epa.gov]  
**Subject:** Barker\_hughesville\_Block\_P\_2017memo\_review.docx  
**Attachments:** Barker\_hughesville\_Block\_P\_2017memo\_review.docx

Roger,

See the attached comments; some will improve the understanding (at least mine). Others are not necessary for the purposes of the memo but may help EPA evaluate the effectiveness of the grouting program.

Jim Hanley